

United States Patent [19]

Cottrell et al.

[11] Patent Number: 4,476,349

[45] Date of Patent: Oct. 9, 1984

[54] CALL MESSAGE SERVICE

[75] Inventors: Jennie L. Cottrell, Arvada; Deborah J. Hill, Thornton, both of Colo.

[73] Assignee: AT&T Bell Laboratories, Murray Hill, N.J.

[21] Appl. No.: 363,469

[22] Filed: Mar. 30, 1982

[51] Int. Cl.³ H04M 1/57; H04M 1/64;
H04M 3/50

[52] U.S. Cl. 179/18 B; 179/27 FH;
179/84 C

[58] Field of Search 179/27 FH, 27 FG, 27 FC,
179/18 B, 18 BE, 18 BG, 5.5, 84 C, 89, 27 D, 18
DA, 18 AD, 18 FH

[56] References Cited

U.S. PATENT DOCUMENTS

- 3,485,957 12/1969 Pearce 179/18 BE
- 3,925,622 12/1975 Robinson 179/18 BE
- 4,256,928 3/1981 Lesea et al. 179/18 BE
- 4,266,098 5/1981 Novak 179/5.5
- 4,286,118 8/1981 Mehaffey et al. 179/18 AD
- 4,304,968 12/1981 Klausner et al. 179/6.02
- 4,327,251 4/1982 Fomenko et al. 179/1 SM
- 4,383,138 5/1983 Castro et al. 179/84 C

FOREIGN PATENT DOCUMENTS

- 140806 11/1979 Japan 179/5.5
- 72566 6/1981 Japan 179/18 BG
- 4639 1/1982 Japan 179/18 B

OTHER PUBLICATIONS

"Electraphone"-A New Business Telephone System", Hirokazu Goto, Kunio Nagashima, Shinsuke Kadota, Susumu Yamamoto, C & C Systems Research Laboratories, PBX Division, Nippon Electric Company, Ltd., Tokyo, Japan, pp. 251-254.

Primary Examiner—Thomas W. Brown
Attorney, Agent, or Firm—J. W. Herndon

[57] ABSTRACT

A call message service arrangement in a telephone system. The arrangement automatically generates and stores a callback message for a called station responsive to a signal from a station served by the system that is associated with the call. If the arrangement is activated from the calling or called stations, a message is stored including the identity of the calling station. If the call has been redirected to another station for any reason, the identity of the other station or that of the calling station may be stored in the message responsive to different signals from the stations. Message waiting lamps are automatically lit and extinguished to alert called parties of the presence of stored messages.

39 Claims, 41 Drawing Figures

